Activity 3 Documentation

Creating Dockerfile

1.) Created the Dockerfile and added some commands

```
Dockerfile

1 FROM ubuntu:16.04
2 LABEL author="Krizner Urmeneta"
3
4 RUN apt-get update
5 RUN apt-get install -y iputils-ping
6
```

Building the Dockerfile

1.) Use the 'docker build' command to build Docker images from the Dockerfile.

Optimizing the Dockerfile

1.)Organize the commands to remove fluff

```
Pockerfile x

1 FROM ubuntu:16.04
2 LABEL author="Krizner Urmeneta"
3
4 VRUN apt-get update \
    && apt-get install -y iputils-ping \
    && apt-get clean \
    && apt-get clean \
    && cd /var/lib/apt/lists && rm -fr *Release* *Sources* *Packages* \
    && truncate -s 0 /var/log/*log
```

2.) Run 'docker build' again to see the changes in our image.

```
C:\Users\Krizzy\Documents\3rdYeau
Building 192.8s (6/6) FINISHED
  C:\Users\Krizzy\Documents\3rdYear2ndSem\CoE197\Week 10\ME8_Containerization_and_Docker\3-building_images> docker images
REPOSITORY
                TAG
                            IMAGE ID
                                            CREATED
                                                                    SIZE
krizner/ping
                latest
                            6ecddef8e409
                                            About a minute ago
                                                                    138MB
                16.04
                           aefd7f02ae24
                                                                    134MB
ubuntu
                                            3 weeks ago
PS C:\Users\Krizzy\Documents\3rdYear2ndSem\CoE197\Week 10\ME8_Containerization_and_Docker\3-building_images>
```

Other Dockerfile directives

1.) Added new directives to automatically run 'ping google.com'.